1HU5044-0AC01-Z

Industrial automation components

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Manufacturer	Siemens
Catalog number	1hu5044-0ac01-z
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Product Type	Motor
Brand	Siemens
Part Number	1HU5044-0AC01-Z
Series	1HU
Maximum Speed	2000 RPM
Cooling Type	Natural Air Cooling
Protection Class	IP54
Rated Torque	2.5 Nm
Length	33 cm
Height	14 cm
Width	10 cm
Weight	8.8 kg

Description

The Siemens Permanent Magnet Motor 1HU5044-0AC01-Z is a high-performance DC servo motor designed for precision applications requiring reliable and efficient operation. Manufactured by Siemens, a leader in industrial automation, this motor is part of the 1HU series, known for their robust construction and advanced features.

The 1HU5044-0AC01-Z model operates at a maximum speed of 2000 revolutions per minute (rpm), providing consistent and precise motion control. It features natural air cooling, ensuring optimal thermal

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management during operation.

The motor is rated for continuous duty and is equipped with an IP54 protection class, offering resistance against dust and water ingress, making it suitable for various industrial environments. With a rated torque of 2.5 Nm, the 1HU5044-0AC01-Z delivers reliable performance in demanding applications.

Its compact design, with dimensions of 33 cm in length, 14 cm in height, and 10 cm in width, and a weight of 8.8 kg, allows for easy integration into existing systems. This motor is ideal for applications in robotics, CNC machinery, and other automation systems where precision and durability are paramount.